

LUMINAIRE: PEL4-40MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 19098
WATTS: 108.65
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 3.78
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #18.00576
 DATE: 4/16/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 176

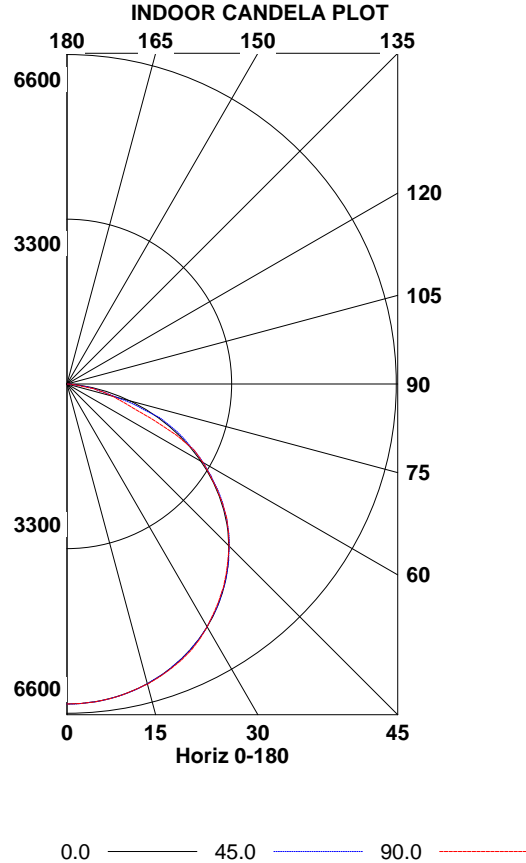
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.37
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5068	26.5	26.5
0-40	8394	44.0	44.0
0-60	15204	79.6	79.6
0-90	19094	100.0	100.0
90-120	4	0.0	0.0
90-130	4	0.0	0.0
90-150	4	0.0	0.0
90-180	4	0.0	0.0
0-180	19098	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	12858	12858	12858	12858	12858
30	12847	12680	12599	12541	12601
40	12801	12559	12469	12380	12406
45	12731	12460	12370	12257	12323
50	12595	12286	12212	12096	12208
55	12353	12004	11955	11832	11869
60	11994	11588	11549	11431	11500
65	11420	10984	10959	10831	10228
70	10617	10126	10151	7673	7169
75	9299	8813	6606	5986	6095
80	7300	6452	4784	4736	4700
85	4391	2927	1938	1268	1190



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%		0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70	
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59	
R	4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50
C	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43
R	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37
	7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
	8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29
	9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
	10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6412*	6412	6412	6412	6412
2.5	6406	6407	6407	6407	6408
5.0	6389	6390	6392	6392	6392
7.5	6363	6363	6366	6366	6365
10.0	6326	6324	6330	6327	6326
12.5	6276	6274	6280	6276	6279
15.0	6216	6213	6219	6213	6224
17.5	6143	6140	6145	6139	6154
20.0	6060	6057	6062	6055	6071
22.5	5968	5962	5969	5960	5988
25.0	5863	5855	5862	5852	5884
27.5	5745	5737	5745	5732	5760
30.0	5616	5606	5613	5604	5619
32.5	5475	5464	5472	5461	5458
35.0	5322	5309	5321	5309	5303
37.5	5156	5142	5157	5145	5145
40.0	4977	4963	4982	4968	4963
42.5	4787	4774	4797	4779	4774
45.0	4584	4574	4601	4582	4590
47.5	4374	4357	4394	4376	4388
50.0	4139	4131	4170	4155	4176
52.5	3903	3889	3937	3920	3928
55.0	3640	3635	3687	3675	3668
57.5	3377	3368	3424	3416	3403
60.0	3100	3095	3153	3147	3147
62.5	2811	2814	2871	2871	2872
65.0	2516	2519	2581	2577	2416
67.5	2215	2220	2284	1994	1861
70.0	1916	1922	1992	1525	1412
72.5	1604	1615	1486	1154	1148
75.0	1295	1312	1027	946	952
77.5	994	1016	732	744	753
80.0	708	689	543	550	537
82.5	450	337	365	242	225
85.0	237	187	137	93	85
87.5	80	59	55	57	56
90.0	4	14	12	7	3
92.5	1	5	5	4	1
95.0	0	3	4	3	0
97.5	0	2	3	2	0
100.0	0	1	2	2	0
102.5	0	0	2	1	0
105.0	0	0	1	0	0
107.5	0	0	0	0	0
110.0	0	0	0	0	0
112.5	0	0	0	0	0
115.0	0	0	0	0	0
117.5	0	0	0	0	0
120.0	0	0	0	0	0
122.5	0	0	0	0	0
125.0	0	0	0	0	0
127.5	0	0	0	0	0
130.0	0	0	0	0	0
132.5	0	0	0	0	0
135.0	0	0	0	0	0
137.5	0	0	0	0	0
140.0	0	0	0	0	0
142.5	0	0	0	0	0
145.0	0	0	0	0	0
147.5	0	0	0	0	0
150.0	0	0	0	0	0
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
162.5	0	0	0	0	0
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE